



REPLACEMENT

Title: UDP-Glucose Modifiers
Applicant: Fader et al.
Application No.: 09/913064
Atty: L. Y. Beardell 302-992-4926

Figure 1A

SEQ	ID	NO : 25	MVASS-QKILVGTGSAGFIGTHTVVQOLLNNNGFNVISIDNFDNSVMMEAVERVREVVCGSNLSQ
SEQ	ID	NO : 26	MSS---OTVLVTTGGAGYIGSHTVQLLQLGGFKAVVVVDNLNSSETAIHRVKELAGK-FAG
SEQ	ID	NO : 14	MVSSS-QHILVTTGGAGFIGTHTVQVLLKAGFSVSIIDNFDNSVMMEAVERVREVVCGPLLSQ
SEQ	ID	NO : 16	---AR-GSVLVTTGGAGFIGTHTVQLLEKGYAVTAVDNFHNSVPEALDVRHIVGPALSAT-----
SEQ	ID	NO : 18	T-----
SEQ	ID	NO : 20	MVSALLRTILVTTGGAGYIGSHTVQLLQLGFRVVVLDNLDNASELAIRVRELAGH-NAN
SEQ	ID	NO : 22	MRD---KTVLVTTGGAGYIGSHTVQLLQLGGFRAVVLDNLENSSEVAIRVRELAGE-FGN

SEQ	ID	NO : 25	NLEFTLGLRNNKDDLEKLFSKSKEFDAVIHFAGLKAVGESVEMPRRYFDNNLVGTTINLYEV
SEQ	ID	NO : 26	NLSFHKKLDLRRDALEKIFSSTSFKDFDSVIHFAGLKAVGESVQKPLLYYDNNNLIGTIVLFEV
SEQ	ID	NO : 14	NLQFTQGDLLRNDDLEKLFSKTTFDAVIHFAGLKAVAESVAKPRRYFDENLVGTTINLYEF
SEQ	ID	NO : 16	RLQFIFGDLTTIKDDLEKVFAAKYDAVIHFAGLKAVAESVAHPEMYNRNNIVGTVNLYDV
SEQ	ID	NO : 18	----RIDLRLKGALEMVFASTRFEEAVIHFAGLKAVGESVQKPLLYYDNNNVIGTINLLEV
SEQ	ID	NO : 20	NLDFRKVDLRLDKQALDQIFSSQRFEAVIHFAGLKAVGESVQKPLLYYDNNNLIGTITLLQV
SEQ	ID	NO : 22	NLSFHKKVDLRLDRAALDQIFSSSTQFDAVIHFAGLKAVGESVQKPLLYYMNMLGTITLLEV

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Figure 1B

SEQ	ID NO : 25	IILLRYFNPVGAAHESGKLGEDPRCIPNNLMPYIQQVAVGRLLPELNVYGHDPTRDGSAIR
SEQ	ID NO : 26	IILLRYFNPVGAAHPSGYIGEDPRCIPNNLMPFVQQVAVGRRPALTIVFGNDYTTSDDGTGVR
SEQ	ID NO : 14	IILLRYFNPVGAAHESGKLGEDPKKGIPNNLMPYIQQVAVGRLLTELNVYGHDPTRDGSAIR
SEQ	ID NO : 16	TILLRYFNPVGAAHESGDIGEDPKGVPNNLMPYIQQVAVARRPELNVYGHDYRTRDGTAVR
SEQ	ID NO : 18	IILLRYFNPVGAAHPSGYIGEDPRCIPNNLMPYVQQVAVGRRPALTIVLGNDYATRDGTGVR
SEQ	ID NO : 20	IILLRYFNPVGAAHPSGYIGEDPCGGIPNNLMPFVQQVAVGRRPALTIVGYGTDNTKDDGTGVR
SEQ	ID NO : 22	IILLRYFNPVGAAHPSGYIGEDPRCIPNNLMPFVQQVAVGRRPALTIVFGNDYNTSDGGTGV

SEQ	ID	NO:	25	DYIHVMDLADGHIAALRKLFTESEN - IGCTAYNVLGTGRGSSVLEMVAAFEKASGKKIALKL
SEQ	ID	NO:	26	DYIHVVLDLADGHIAALRKL - -NDPKIGCCEVYNLGTGKTSVLEMVKAFEQASGKKIPLVM
SEQ	ID	NO:	14	DYIHVMDLADGHIAALRKLFTESEN - IGCTAYNVLGTGRGTSVLEMVTAFEKASGKKIPVKL
SEQ	ID	NO:	16	DYIHVVLDLADGHIAALEKLFAFPD - IGGCVAYNVLGTGRGTTVLEMVSAFEKAYGKKIPVKM
SEQ	ID	NO:	18	DYIHVVLDLADGHIAALQKLFFNS - IGCEAYNVLGTGRGTSVLEIVKAFEKASGKKIPLIF
SEQ	ID	NO:	20	DYIHVVLDLADGHIAALRKLYEDSDRIGCCEVYNLGTGKTSVLEMVAAFEKASGKKIPLVF
SEQ	ID	NO:	22	DYIHVVLDLADGHIAALLKL - -DEPNIGCCEVYNLGTGKTSVLEMVRFAFEMASGKKIPLVM

SEQ	ID	NO: 25	CPRRGDATEVYASTAKAEKELGWKA KYGVEEMCRDQWNWAKNNP WGYS-----KP-----
SEQ	ID	NO: 26	AGRPGDAEVYASTNKA ERELNWKA KYGIDEMCRDQWNWASKN PYGGSEDSSN-----
SEQ	ID	NO: 14	CPRRGDATEVYASTERAEKELGW KANYGVEEMCRDQWNWAKNNP WGYS-----KP-----
SEQ	ID	NO: 16	CPRRGDSSEQVYASTAKAEE ELGWRAKYGIEEMCRDQWNW AKKNP YGYCGNNAEENKD-----
SEQ	ID	NO: 18	GERRPGDAEILFSETTKA ERELNWKA KYGIEEMCRDQWNWASKN PYGYGSPDSIKQN GNGHQ-----
SEQ	ID	NO: 20	AGRPGDAEIVYAAQTA KEKELKWKA KYGVEEMCRDLWNWASKN PYGYG-SPDSSN-----
SEQ	ID	NO: 22	AGRPGDAEIVYASTKK AERELKWKA KYGIDEMCRDQWNWASKN PYGYGD-QGSTD-----

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Figure 1C

SEQ ID NO:25
SEQ ID NO:26
SEQ ID NO:14
SEQ ID NO:16
SEQ ID NO:18 TNGSADSSKQNGHRTNGSTDSPKRNGHHAYGSADSPKRNGHCVFGSSDLKPNGNGHLR
SEQ ID NO:20
SEQ ID NO:22
361

418